

Sunnyvale Theatre

Technical Specifications

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Set Design Guidelines

Sunnyvale Theater is a busy facility, often with multiple groups sharing the stage in a given day. Storage space is at a premium. To ensure that your set works in our facility, you must submit **set designs to and receive approval from the Sunnyvale Theatre Technical Director 4 weeks prior to your load-in**. Here are some factors to consider when designing your set.

- At minimum, set designs must include ground plan, section, storage plot indicating how set will be stored in designated space and construction details of all scenery, including supports and bracing for any for any hanging scenic or practical lighting elements. Drawings must be to scale.
- Reserve your battens for hanging scenery as soon as possible. Battens are reserved on a first-come, first-served basis.
- The city has drums for roll drops but does not have the hardware to assemble a roll drop. Bring your own if you require it.
- A black scrim is available for your use, but must be arranged in advance.
- City Technical Staff must inspect all hanging scenic elements after they are hung at load-in to insure proper counterweighing of battens.
- Scenery must be designed to facilitate quick set-up and daily strike. Unless the Sunnyvale Theater Technical Director advises you otherwise, the stage will be used by another theater company between your performances.
- Scenery must be designed so it does not require screws or fastening devices to be put into the stage. Some exceptions may be granted, but only with advance written permission from the Sunnyvale Theatre Technical Director. If you are given special permission to use stage screws, holes must be patched and painted at strike.
- No painting of any kind is allowed on stage. All set pieces must be thoroughly dry before being brought onstage.
- Sunnyvale Theatre does not provide tools or materials. You may not use tools and materials in the shop or storage areas. Bring your own.
- If your production runs multiple days, your scenery must be able to fit in the designated storage area, a 4' 0" x 18' 0" section against the off-stage left wall.
- Before scenery is allowed to be set on stage, City Technical Staff will check to make sure that it fits in the designated storage area.
- Bottoms of scenery must be able to move without damaging the floor. If your scenery damages the floor, you will be liable for the costs to replace or repair the damaged section.
- If you remove orchestra pit covers, you must take appropriate safety precautions and follow all City procedures.



Lighting Design Guidelines

Your rental of Sunnyvale Theatre includes use of our state-of-the-art lighting system and one technical staff member to assist you by running the light board. Sunnyvale Theatre has a basic light plot that will cover the needs of most simple shows, such as lectures and solo or duet concerts and can be discussed with the Technical Director when you go over your technical needs, approximately one month before your event and refined on-site during set-up.

However, for theater productions, dance concerts and other complex shows, you may wish to design your own lighting. If you do so, **lighting design is due to the Sunnyvale Theatre Technical Director 2 weeks prior to your event.** Here are some factors to consider when designing your own lighting.

- At minimum, your lighting plot must consist of instrument location and dimmer number. The drawing need not be to scale.
- The general plot cannot be modified in any way, including changing of gels. (The only exception is you may change gel color of the onstage high side instruments.
- No instruments of any kind may be hung on the house pipe.
- All specials must be tagged with your show's name clearly labeled on one side. Tags must be on the instrument connector and any additional cable.
- The City does not provide gel for any instruments other than those in the general house plot.
- Instrument accessories and cable are available on a first-come, first-served basis.
- All instruments must have a safety cable and be attached to a batten.
- Lamps are provided for City-owned instruments only.
- You are responsible for checking the patch and batten trim height prior to each performance.
- Only people who have been trained by City Technical Staff may use rigging and/or the lighting control board.
- All practicals must be inspected by City Technical Staff prior to use.
- At strike, all specials must be stripped of tags, tape, gobos and gel, and returned to the light booth with barrels all the way in and shutters closed. Please bring any instruments needing repair to the immediate attention of City Technical Staff.
- Unless prior arrangements have been made, your show's plot will be purged from the light board memory at strike.



Lighting Instruments Available

The following items are property of Sunnyvale Theatre and are available for your use if you choose to design your own lights.

- Eleven (11) Source 4 Bodies.
- Two Source 4 Lens Tubes at 19 degrees; ten Source 4 Lens Tubes at 26 degrees; six Source 4 Lens Tubes at 36 degrees; and nine Source 4 Lens Tubes at 50 degrees.
- Fifteen (15) 4 PAR with four lens sets
- One (1) Source 4 Zoom 25-50 degrees.
- One (1) Source 4 Zoom 15-30 degrees.
- Five (5) Strand 6" Fresnel
- All instruments have gel frames and safety cable. Pattern holders are available on a first-come, first-served basis.
- Gel and patterns are not provided.

The following items are available to be shared with other Sunnyvale Theatre users.

- 20" mirror ball
- 3-color ground row
- Two Ultra Quartz Follow spots, 500w each
- Two handles and 2 irises for Source 4s
- Three Vari Light VL-1000s
- Gel in the light booth has been left from previous shows and is available for your use.



Sound System Specifications

Sunnyvale Theatre's sound system consists of the following equipment:

24-channel mixer (Allen & Heath GL2000) with:

- Sixteen (16) mic inputs snaked from the stage, plus four returns
- Four (4) auxiliary sends to effects
- Two (2) auxiliary sends to booth monitors
- 4-band 2-sweep EQ on each channel

Two (2) Lexicon MPX100 Dual Channel Processors

Two (2) DBX 166A Compressor/Limiters

Two (2) 1,100-watt amplifiers

- One for the mains and one for the monitors

Main speaker cluster (JBL 4612B)

- A pair of 16-ohm dual 8" speakers with a horn

Stage monitors (JBL 4626B)

- A pair of 8-ohm 12" speakers with mids and tweeters
- Mostly used as side fills for our stage performances
- Also used as stage level mains for live bands

Floor monitors (JBL MR802)

- Six 12" low-frequency driver/bi-radial horn with titanium compression driver

Playback accessed through patch bay

- 8-trax – Pioneer
- DAT – Tascam DA-30 MKII
- Mini Disk – Tascam MD-301
- CD – Gemini CD-4700 Pro II
- Tape – Tascam 202 MKII Dual Cassette Deck

Microphones

- Seven SM57s
- Three SM58s
- Three SM81s
- Three PCC160s
- Two ATM10s
- One AKG C568EB
- One Electro Voice US600EL
- One Electro Voice DS35
- One Sennheiser MD421



Sound System Accessories

- One Whirlwind IMP 1x2 splitter
- Two Whirlwind Director Direct Boxes
- One Whirlwind Micpower Phantom Power Supply
- Two Pro Co Sound DB1 Direct Boxed
- One Shure Tone Generator

Microphone/Music Stands

- Fifteen full-size microphone stands (4 red, 5 black, 6 silver)
- Ten table-top microphone stands (all black)
- Eighteen music stands

Multimedia Equipment

Multimedia equipment is not included with basic theater rental. However, Sunnyvale Theatre has the following items available for rent at the price indicated.

- Mitsubishi x500 LCD Projector for rent at \$100/event

Pianos

A piano for use during performance is not included with basic theater rental. However, Sunnyvale Theatre has the following items available for rent at the price indicated. If you wish to use one of our pianos, please request it on your rental application, so we advance notice to arrange for tuning before your event.

- Yamaha C-7 Semi-Concert Grand Piano (made in Japan), for rent at \$100/event
- Upright piano for rent at \$85/event



Other Items

The loading dock entrance is 7'6" wide by 10'6" high.

Sunnyvale Theatre has the following furniture available for your use.

- 30 Gray stackable chairs
- 10 Green stackable chairs
- 5 folding tables in various sizes
- 2 stools

Dressing Room A is 8' x 12' and includes makeup mirrors and shower.

Dressing Room B is 8' x 10' and includes makeup mirrors, shower and a 4'x 6' costume closet.

Rehearsal Room A, which is generally used as a green room, is 17' x 23' and contains a refrigerator and microwave.

Rehearsal Room B is 17' x 23' and includes an upright piano, chairs and gym mats. This room is also equipped with makeup mirrors and is frequently used as a chorus dressing room. There is no charge to use the piano in this room for warm-ups. However, the piano may not be moved onstage, and we do not make guarantee that it will be tuned.

The concession stand is equipped with the following items. The concession stand is only available to users who have made prior arrangements.

- Compact refrigerator
- Microwave oven
- Ice Machine
- Three coffee pots
- Sink (no garbage disposal).

